

ILT-3 rabbit pAb

Cat No.: ES4582

For research use only

Overview

Product Name ILT-3 rabbit pAb

Host species Rabbit
Applications IF;ELISA

Species Cross-Reactivity Human; Rat; Mouse;

Recommended dilutions Immunofluorescence: 1/200 - 1/1000. ELISA:

1/20000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human LILRB4. AA

range:201-250

Specificity ILT-3 Polyclonal Antibody detects endogenous levels

of ILT-3 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Leukocyte immunoglobulin-like receptor subfamily B

member 4

Gene Name LILRB4

Cellular localization Cell membrane ; Single-pass type I membrane

protein. Ligand binding leads to internalization and

translocation to an antigen-processing

compartment. .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 11006 Human Swiss-Prot Number Q8NHJ6

Alternative Names LILRB4; ILT3; LIR5; Leukocyte immunoglobulin-like

receptor subfamily B member 4; CD85 antigen-like family member K; Immunoglobulin-like transcript 3; ILT-3; Leukocyte immunoglobulin-like receptor 5;



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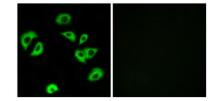
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Background

LIR-5; Monocyte inhibitory receptor HM18; This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. The receptor can also function in antigen capture and presentation. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2

Immunofluorescence analysis of A549 cells, using LILRB4 Antibody. The picture on the right is blocked with the synthesized peptide.



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